

CLAIMS

1. A coating material composition with a gas-barrier property

5 which comprises, as essential components, an ethylene-vinyl alcohol copolymer (A) obtained by saponifying an ethylene-vinyl acetate copolymer, an inorganic layered compound (B) and a solvent,

 wherein the total amount of (A) and (B) is 1 to 30% by
10 mass and the mass ratio (A)/(B) is (30/70) to (50/50).

2. The coating material composition with a gas-barrier property according to Claim 1

 wherein said ethylene-vinyl alcohol copolymer (A) has an
15 ethylene component content of 20 to 60 mole percent and a degree of saponification of a vinyl acetate component of not lower than 95 mole percent.

3. A process for producing the coating material
20 composition with a gas-barrier property according to Claim 1 or 2

 which comprises the step of mixing the inorganic layered compound (B) in a solution of the ethylene-vinyl alcohol copolymer (A) and dispersing the inorganic layer compound (B)
25 in the above solution under a pressure of not lower than 10 MPa using a high-pressure dispersing device.

4. A gas-barrier composite plastic film or sheet

 which is obtained by coating at least one side of a plastic
30 film or sheet made of at least one plastic selected from the group consisting of polyolefins, polyesters, polyamides and polystyrenes with the coating material composition with a gas-barrier property according to Claim 1 or 2 to at a coating weight so as to give a dry coat layer thickness of 0.1 to 100
35 μm .

5. A gas-barrier packaging container
which is obtained by shaping the gas-barrier composite
plastic film according to Claim 4.

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6. A gas-barrier packaging container
which is obtained by shaping the gas-barrier composite
plastic sheet according to Claim 4.

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7. A gas-barrier packaging container
which is obtained by further coating a plastic container
shaped in the form of a tube, tray, cup, box or bottle with the
coating material composition with a gas-barrier property
according to Claim 1 or 2 at a coating weight so as to give a
dry coat thickness of 0.1 to 100 μm .

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8. A gas-barrier packaging container
which is formed of a composite layer composed of paper
and the gas-barrier composite plastic film or sheet according
to Claim 4.

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